


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PTO/SB/29 (12/97)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 10255-029-999 Total Pages 45

First Named Inventor or Application Identifier

Kalyan Handique et al.

Express Mail Label No. N/A

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form
Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 28]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description of the Invention (including drawings, if filed)
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 15]
4. ☒ Oath or Declaration [Total Sheets 2]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).
5. ☒ Incorporation By Reference
The entire disclosure of the below -mentioned prior applications, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers EXECUTED (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney by Assignee EXECUTED (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☒ Applicant claims Small Entity status, see 37 C.F.R. § 1.27
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
☒ Continuation-in-part (CIP) of prior application No. 09/953,921 filed September 18, 2001; application No. 09/819,105 filed March 28, 2001; application No. 10/014,519, filed December 14, 2001; and claims priority of provisional application No. 60/307,638 filed July 26, 2001.

18. CORRESPONDENCE ADDRESS

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PENNIE & EDMONDS LLP
COUNSELLORS AT LAW
1667 K Street, N.W.
Washington, D.C. 20006

ATTORNEY DOCKET NO. 10255-029-999

Date: February 15, 2002

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Kalyan HANDIQUE and Gene Parunak

Executed on: February 15, 2002

Title of Invention: **METHODS AND SYSTEMS FOR MOVING FLUID IN A MICROFLUIDIC DEVICE**

PATENT APPLICATION FEE VALUE

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	28	-20	8	\$18.00 each	\$ 144.00
Independent	5	-3	2	\$84.00 each	\$ 168.00
Minimum Fee					\$ 740.00
Multiple Dependency Fee If Applicable (\$280.00)					\$ 0.00
Total					\$ 1,052.00
Applicant qualifies for the 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern					- \$ 526.00
Total Filing Fee					\$ 526.00

- ☐ **DO NOT PUBLISH.** I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
- ☒ Priority of application no. 60/307,638 filed on July 26, 2001 in the United States is claimed under 35 U.S.C. § 119.
- ☐ The certified copy of the priority application has been filed in application no. filed
- ☒ This is a continuation-in-part of application No. 10/014,519 filed December 14, 2001. This application is also a continuation-in-part of application No. 09/953,921 filed September 18, 2001, and this application is also a continuation-in-part of application No. 09/819,105, filed March 28, 2001.

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,


Julius C. Fister III

Reg. No. 46,702

For: Bruce J. Barker

Reg. No. 33,291

PENNIE & EDMONDS LLP

1667 K Street, N.W.

Washington, D.C. 20006

Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.